

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2018 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

<b>RD0755</b>	Overall LMA Rating	Total LMA Miles						
<b>Reclamation District No. 0755 Randall</b>	<b>U</b>	<b>1.83</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	3.16		3.16	172.26%	0.15			
Trim / Thin Trees	0.07		0.07	3.82%				
Encroachments					0.01			
Animal Control	1.34		1.34	73.05%				
Flood Preparedness & Training	0.02		0.02	1.09%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.07			
<i>LMA Totals:</i>	4.59	0.00	4.59	250.21%	0.23	0.00	0.00	0.00

<b>Unit No. 01 Sacramento River LB</b>	Overall Unit Rating	Total Unit Miles						
<b>RD0755</b>	<b>U</b>	<b>1.83</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	3.16		3.16	172.26%	0.15			
Trim / Thin Trees	0.07		0.07	3.82%				
Encroachments					0.01			
Animal Control	1.34		1.34	73.05%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.07			
<i>Unit Totals:</i>	4.57	0.00	4.57	249.12%	0.23	0.00	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2018 Levee Inspection Results**

**Reclamation District No. 0755 Randall**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			U	

\*\* Non-receipt of Summer or Winter Inspection  
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2018 Levee Inspection Results**

**Reclamation District No. 0755 Randall**

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	1.83
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	3/21/2018 - 3/21/2018		10/5/2018 - 10/5/2018	
DWR Inspector	Keith Millard		David Julian	
Accompanied By				

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start		Rating **	M	Issue No.	14
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0755_01_f_2014_14				
Comment Code					
Inspector Comment					
This district has a knowledge of how to conduct a flood fight but has not taken the class recently.					

No Photos

LM Start		Rating **	A	Issue No.	15
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0755_01_f_2014_15				
Comment Code					
Inspector Comment					
District maintains supply of sand bags and gets other supplies from other districts.					

No Photos

LM Start		Rating **	A	Issue No.	16
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0755_01_f_2014_16				
Comment Code					
Inspector Comment					
MBK Engineering mailed a copy of the O/M Manul to the RD President in spring of 2017.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	0.00	Rating **	M	Issue No.	11
LM End	0.17	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.347123°	38.346773°
				-121.537572°	-121.538687°
DWR ID	DWR_RD0755_01_s_2017_11				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Crown vegetation should be mowed to allow inspection.					

Photo 1 of 1 : FA\_2018\_RD0755\_177\_11\_20180925\_00001.jpg



Crown vegetation should be reduced.

LM Start	0.17	Rating **	M	Issue No.	20
LM End	1.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.346757 °	38.343581 °
				-121.538675 °	-121.554301 °
DWR ID	DWR_RD0755_01_f_2016_20				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The vegetation should be removed/managed to allow inspection of landside slope and toe.					

Photo 1 of 2 : FA\_2018\_RD0755\_177\_20\_20181009\_00040.jpg



View looking downstream at vegetation on the land side slope (October 2018).

LM Start	<b>0.17</b>	Rating **	M	Issue No.	<b>20 (cont)</b>
LM End	<b>1.05</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2018\_RD0755\_177\_20\_20180925\_00007.jpg



RD 755 looking downstream from levee mile 0.17-0.59.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	0.17	Rating **	M	Issue No.	19
LM End	1.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.346757 °	38.336409 °
				-121.538675 °	-121.564813 °
DWR ID	DWR_RD0755_01_f_2016_19				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The tall weeds on the waterside slope and should be removed/managed to allow inspection. Large cactus (Century Plants) at LM 1.07 should be removed.					

Photo 1 of 2 : FA\_2018\_RD0755\_177\_19\_20181009\_00039.jpg



View looking upstream at vegetation on the water side slope (October 2018)

LM Start	<b>0.17</b>	Rating **	M	Issue No.	<b>19 (cont)</b>
LM End	<b>1.84</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2018\_RD0755\_177\_19\_20180925\_00006.jpg



RD 755 Levee mile 0.17-1.12 waterside looking downstream.

LM Start	0.24	Rating **	M	Issue No.	21
LM End	0.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.346275 °	38.346275 °
				-121.539838 °	-121.539838 °
DWR ID	DWR_RD0755_01_f_2016_21				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim trees to at least five feet above the ground.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	0.28	Rating **	A/W	Issue No.	18
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage		38.346249 °	38.346331 °	
			-121.540542 °	-121.540664 °	
DWR ID	DWR_RD0755_01_f_2017_18				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of erosion of the lower waterside levee slope and bank approximately 27 feet in length along the east (left) bank of the Sacramento River. See attached pages for photos.					
Site location T06N R04E Section 28.					
Site ID No:327					
Site Designation:LMA-154					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/13/2017					
Notes: Pretty minor damage visible from the slope, site was originally identified by boat. Will look at again from waterside if there is time.					
Crown is a paved road. Original GPS was a little off, added correct point in start					

Photo 1 of 3 : FA\_2018\_RD0755\_177\_18\_20180925\_00003.jpg



LM Start	<b>0.28</b>	Rating **	A/W	Issue No.	<b>18 (cont)</b>
LM End	<b>0.28</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : FA\_2018\_RD0755\_177\_18\_20180925\_00004.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	0.28	Rating **	A/W	Issue No.	18 (cont)
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage		38.346249 °	38.346331 °	
			-121.540542 °	-121.540664 °	
DWR ID	DWR_RD0755_01_f_2017_18				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of erosion of the lower waterside levee slope and bank approximately 27 feet in length along the east (left) bank of the Sacramento River. See attached pages for photos.					
Site location T06N R04E Section 28.					
Site ID No:327					
Site Designation:LMA-154					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/13/2017					
Notes: Pretty minor damage visible from the slope, site was originally identified by boat. Will look at again from waterside if there is time.					
Crown is a paved road. Original GPS was a little off, added correct point in start					

Photo 3 of 3 : FA\_2018\_RD0755\_177\_18\_20180925\_00005.jpg



LM Start	0.43	Rating **	M	Issue No.	4
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.345593 °	38.337197 °
				-121.543263 °	-121.564147 °
DWR ID	DWR_RD0755_01_f_2014_4				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Evidence of active rodents on landside slope near the walnut trees. No bait stations observed.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	0.43	Rating **	M	Issue No.	31
LM End	0.43	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.345640 °	38.345640 °
				-121.543277 °	-121.543277 °
DWR ID	18849				
Comment Code					
Inspector Comment					
FS_ID:17123 DS_ID:18849 EP_NO: 4302 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FBC about 2 feet.Power conduit also through the levee.Wet ground on pump site/location. May need investigation about wet ground. FIELD_STRUCT_DESC: 8-inch coated steel irrigation discharge pipe through the levee, 2 feet below the crown. Pump, electrical box, and control valve on the waterside (WS) slope. Siphon breaker on the landside (LS) slope. Service pole at the LS toe. (Plans for placing an 8-inch irrigation pipe and pump authorized under Permit No. 4302, 1963 - E. C. Hemly). [Additional Reference(s): DWR Levee Log, 2005, referenced as 4 feet below the crown]. FS Date: 8/6/2013					

Photo 1 of 3 : UCIP\_FA\_2018\_17123\_29242.jpg



WS view: overview of pump and pipe.

LM Start	<b>0.43</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>0.43</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2018\_17123\_29241.jpg



WS view: steel pipe and power conduit.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	<b>0.43</b>	Rating **	M	Issue No.	<b>31 (cont)</b>							
LM End	<b>0.43</b>	Issue Type +	En	Location *								
Category	Supplemental		GPS Latitude/Longitude									
			Start	End								
Item	DWR UCIP Field Study		38.345640 °	38.345640 °								
			-121.543277 °	-121.543277 °								
DWR ID	18849											
Comment Code												
Inspector Comment												
FS_ID:17123 DS_ID:18849 EP_NO: 4302 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FBC about 2 feet.Power conduit also through the levee.Wet ground on pump site/location. May need investigation about wet ground. FIELD_STRUCT_DESC: 8-inch coated steel irrigation discharge pipe through the levee, 2 feet below the crown. Pump, electrical box, and control valve on the waterside (WS) slope. Siphon breaker on the landside (LS) slope. Service pole at the LS toe. (Plans for placing an 8-inch irrigation pipe and pump authorized under Permit No. 4302, 1963 - E. C. Hemly). [Additional Reference(s): DWR Levee Log, 2005, referenced as 4 feet below the crown]. FS Date: 8/6/2013												

Photo 3 of 3 : UCIP\_FA\_2018\_17123\_29240.jpg



WS view: pump, power switch box, butterfly valve and pipe.

LM Start	<b>0.50</b>	Rating **	M	Issue No.	<b>17</b>							
LM End	<b>0.53</b>	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Trim / Thin Trees		38.345652 °	38.345618 °								
			-121.544482 °	-121.545122 °								
DWR ID	DWR_RD0755_01_f_2018_17											
Comment Code												
T1 : Trim trees to at least five feet above ground level.												
Inspector Comment												

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	0.68	Rating **	M	Issue No.	32	
LM End	0.68	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.345113 °	38.345113 °	
				-121.547789 °	-121.547789 °	
DWR ID	18851					
Comment Code						
Inspector Comment						
FS_ID:41634						
DS_ID:18851						
EP_NO: 7357						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: An abandoned 12-in steel pipe lying on LS levee slope should be removed.A buried concrete headwall found on LS levee slope should be checked for any pipe or connection.						
FIELD_STRUCT_DESC: 2 of 2: 8-inch pipe sleeved through a 16-inch irrigation discharge pipe of an unknown material through the levee, 4.2 feet below the crown. Pump on the waterside (WS). (Plans to install an additional pump on an existing stand and to connect the discharge pipe to the existing pipe through the levee authorized under Permit No. 7357, 1971 - Green and Keown Farms, Inc). [Additional Reference(s): DWR Levee Log, 2005, 14-inch outer pipe referenced].						
FS Date: 8/6/2013						

LM Start	<b>0.68</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>0.68</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_41634\_29087.jpg



WS view: pump structure on the stream, conduit, pipes, and walkway.

Photo 2 of 3 : UCIP\_FA\_2018\_41634\_29086.jpg



WS view: view towards levee crown from pump structure.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	0.68	Rating **	M	Issue No.	32 (cont)	
LM End	0.68	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.345113 °	38.345113 °	
				-121.547789 °	-121.547789 °	
DWR ID	18851					
Comment Code						
Inspector Comment						
FS_ID:41634						
DS_ID:18851						
EP_NO: 7357						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: An abandoned 12-in steel pipe lying on LS levee slope should be removed.A buried concrete headwall found on LS levee slope should be checked for any pipe or connection.						
FIELD_STRUCT_DESC: 2 of 2: 8-inch pipe sleeved through a 16-inch irrigation discharge pipe of an unknown material through the levee, 4.2 feet below the crown. Pump on the waterside (WS). (Plans to install an additional pump on an existing stand and to connect the discharge pipe to the existing pipe through the levee authorized under Permit No. 7357, 1971 - Green and Keown Farms, Inc). [Additional Reference(s): DWR Levee Log, 2005, 14-inch outer pipe referenced].						
FS Date: 8/6/2013						

Photo 3 of 3 : UCIP\_FA\_2018\_41634\_29085.jpg



WS view: pump mounted on pump station/deck.

LM Start	0.69	Rating **	M	Issue No.	26
LM End	0.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.345103°	38.345103°
				-121.547918°	-121.547918°
DWR ID	DWR_RD0755_01_f_2018_26				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	0.69	Rating **	M	Issue No.	27
LM End	0.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.345070 °	38.345070 °
				-121.547985 °	-121.547985 °
DWR ID	DWR_RD0755_01_f_2018_27				
Comment Code					
GA : Garbage					
Inspector Comment					
Remove chair					

Photo 1 of 1 : FA\_2018\_RD0755\_177\_27\_20181009\_00041.jpg



Chair on the water side (October 2018).

LM Start	0.70	Rating **	A/W	Issue No.	33	
LM End	0.70	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.345057°	38.345057°	
				-121.548050°	-121.548050°	
DWR ID	18852					
Comment Code						
Inspector Comment						
FS_ID:17145 DS_ID:18852 EP_NO: 11222 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: It was working during field survey. A pump found 150 ft from the levee. Not sure whether the pump belong to this drainage system. FIELD_STRUCT_DESC: *ABANDONED* 16-inch steel drainage pipe sleeved through a 24-inch steel drainage pipe through the levee, invert elevation 8 feet below the crown. (Retention of a 12-inch drainage pipe sleeved through a 24-inch pipe through the levee, 8 feet below the crown, authorized under Automatic Board Order (ABO) issued as Permit No. 11222, 1975 - Green McKeown, Inc). [Additional Reference(s): DWR Levee Log, 2005, 12-inch inner pipe referenced. USACE Sacramento O&M Manual 111, May 1959, (RM 35.89)]. FS Date: 8/6/2013						

Photo 1 of 3 : UCIP\_FA\_2018\_17145\_29292.jpg



WS view: pipe and siphon breaker on levee slope

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	0.70	Rating **	A/W	Issue No.	33 (cont)	
LM End	0.70	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.345057°	38.345057°	
				-121.548050°	-121.548050°	
DWR ID	18852					
Comment Code						
Inspector Comment						
FS_ID:17145 DS_ID:18852 EP_NO: 11222 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: It was working during field survey. A pump found 150 ft from the levee. Not sure whether the pump belong to this drainage system. FIELD_STRUCT_DESC: *ABANDONED* 16-inch steel drainage pipe sleeved through a 24-inch steel drainage pipe through the levee, invert elevation 8 feet below the crown. (Retention of a 12-inch drainage pipe sleeved through a 24-inch pipe through the levee, 8 feet below the crown, authorized under Automatic Board Order (ABO) issued as Permit No. 11222, 1975 - Green McKeown, Inc). [Additional Reference(s): DWR Levee Log, 2005, 12-inch inner pipe referenced. USACE Sacramento O&M Manual 111, May 1959, (RM 35.89)]. FS Date: 8/6/2013						

LM Start	<b>0.70</b>	Rating **	A/W	Issue No.	<b>33 (cont)</b>
LM End	<b>0.70</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2018\_17145\_29293.jpg



WS view: 16-inch pipe sleeved through 24-inch pipe.

Photo 3 of 3 : UCIP\_FA\_2018\_17145\_29295.jpg



WS view: 16-inch drainage pipe on levee slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	0.70	Rating **	M	Issue No.	34
LM End	0.70	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.345036 °	38.345036 °
				-121.548141 °	-121.548141 °
DWR ID	18854				
Comment Code					
Inspector Comment					
FS_ID:17049					
DS_ID:18854					
EP_NO: 1716					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Not found- a 4-inch pipe on waterward shoulder but a 2-inch GI pipe found on landside slope.					
FIELD_STRUCT_DESC: *ABANDONED* 18-inch drainage pipe of an unknown material through the levee, invert elevation 4.5 feet below the crown. (Plans for the replacement of an existing pipe through the levee authorized under Permit No. 1716, 1952 - Reclamation District No. 755 [RD0755]). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.88)].					
FS Date: 8/6/2013					

Photo 1 of 3 : UCIP\_FA\_2018\_17049\_29119.jpg



LS view: concrete headwall and 2-inch conduit (left)

LM Start	<b>0.70</b>	Rating **	M	Issue No.	<b>34 (cont)</b>
LM End	<b>0.70</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2018\_17049\_29121.jpg



LS view: 18-inch abandoned pipe on levee slope

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	0.70	Rating **	M	Issue No.	34 (cont)	
LM End	0.70	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.345036 °	38.345036 °	
				-121.548141 °	-121.548141 °	
DWR ID	18854					
Comment Code						
Inspector Comment						
FS_ID:17049						
DS_ID:18854						
EP_NO: 1716						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Not found- a 4-inch pipe on waterward shoulder but a 2-inch GI pipe found on landside slope.						
FIELD_STRUCT_DESC: *ABANDONED* 18-inch drainage pipe of an unknown material through the levee, invert elevation 4.5 feet below the crown. (Plans for the replacement of an existing pipe through the levee authorized under Permit No. 1716, 1952 - Reclamation District No. 755 [RD0755]). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.88)].						
FS Date: 8/6/2013						

Photo 3 of 3 : UCIP\_FA\_2018\_17049\_29122.jpg



LS view: exposed/daylight 18-inch abandoned pipe on levee slope

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	0.93	Rating **	M	Issue No.	35
LM End	0.93	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.344103°	38.344103°
				-121.552119°	-121.552119°
DWR ID	18855				
Comment Code					
Inspector Comment					
FS_ID:17063 DS_ID:18855 EP_NO: 11225 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned pipe and pump.Service pole, power box lying on LS slope. FIELD_STRUCT_DESC: *ABANDONED* 10-inch irrigation discharge pipe of an unknown material and a 1-inch electrical conduit through the levee, invert elevation 5.6 feet below the crown. Pump on a pile structure with a walkway to the pump. Abandoned service pole on the landside (LS) slope. (Retention of a 10-inch pipe through the levee, 5.6 feet below the crown, pump on a pile structure with a walkway to the pump, and a service pole on the LS slope Automatic Board Order (ABO) issued as Permit No. 11225, 1975 - Helen D. Wilson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.66)]. FS Date: 8/6/2013					

LM Start	<b>0.93</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>0.93</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_17063\_29148.jpg



WS view: overview of pipe and pump structure.

Photo 2 of 3 : UCIP\_FA\_2018\_17063\_29147.jpg



WS view: an abandoned pump

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

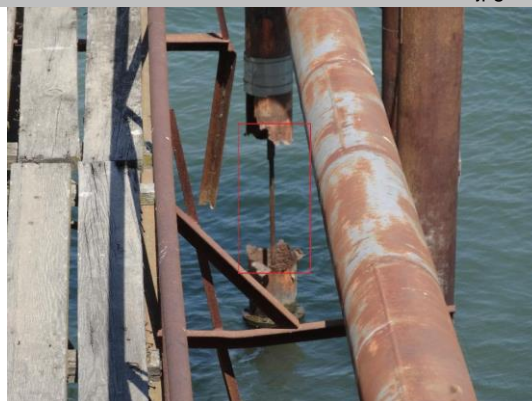
**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	0.93	Rating **	M	Issue No.	35 (cont)	
LM End	0.93	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.344103°	38.344103°	
				-121.552119°	-121.552119°	
DWR ID	18855					
Comment Code						
Inspector Comment						
FS_ID:17063 DS_ID:18855 EP_NO: 11225 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned pipe and pump.Service pole, power box lying on LS slope. FIELD_STRUCT_DESC: *ABANDONED* 10-inch irrigation discharge pipe of an unknown material and a 1-inch electrical conduit through the levee, invert elevation 5.6 feet below the crown. Pump on a pile structure with a walkway to the pump. Abandoned service pole on the landside (LS) slope. (Retention of a 10-inch pipe through the levee, 5.6 feet below the crown, pump on a pile structure with a walkway to the pump, and a service pole on the LS slope Automatic Board Order (ABO) issued as Permit No. 11225, 1975 - Helen D. Wilson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.66)]. FS Date: 8/6/2013						

Photo 3 of 3 : UCIP\_FA\_2018\_17063\_29146.jpg



WS view: abandoned and discontinued vertical intake pipe

LM Start	0.99	Rating **	M	Issue No.	29
LM End	0.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.343835°	38.343835°
				-121.553162°	-121.553162°
DWR ID	DWR_RD0755_01_f_2018_29				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	1.04	Rating **	M	Issue No.	36
LM End	1.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.343625 °	38.343625 °
				-121.554145 °	-121.554145 °
DWR ID	18856				
Comment Code					
Inspector Comment					
FS_ID:46764					
DS_ID:18856					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Needs to be properly abandoned.					
FIELD_STRUCT_DESC: *ABANDONED* 12-inch pipe of an unknown material or purpose through the levee, invert elevation 5 feet below the crown. Siphon breaker on the waterside (WS). Pipe not found on the landside (LS). (Wilson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.55)].					
FS Date: 8/6/2013					

LM Start	<b>1.04</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>1.04</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_46764\_29158.jpg



WS view: overview of steel pipe with siphon breaker on levee slope

Photo 2 of 3 : UCIP\_FA\_2018\_46764\_29157.jpg



WS view: steel pipe with siphon breaker on levee slope

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	1.04	Rating **	M	Issue No.	36 (cont)	
LM End	1.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.343625 °	38.343625 °	
				-121.554145 °	-121.554145 °	
DWR ID	18856					
Comment Code						
Inspector Comment						
FS_ID:46764						
DS_ID:18856						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Needs to be properly abandoned.						
FIELD_STRUCT_DESC: *ABANDONED* 12-inch pipe of an unknown material or purpose through the levee, invert elevation 5 feet below the crown. Siphon breaker on the waterside (WS). Pipe not found on the landside (LS). (Wilson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.55)].						
FS Date: 8/6/2013						

Photo 3 of 3 : UCIP\_FA\_2018\_46764\_29159.jpg



LS view: no pipe and pump found on LS.

LM Start	1.05	Rating **	M	Issue No.	23
LM End	1.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.343595 °	38.343487 °
				-121.554238 °	-121.554768 °
DWR ID	DWR_RD0755_01_s_2017_23				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ground vegetation, shrubs and trees should be maintained to allow inspection and access to landside slope and toe.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	1.06	Rating **	M	Issue No.	12
LM End	1.06	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.343543 °	38.343543 °
				-121.554523 °	-121.554523 °
DWR ID	DWR_RD0755_01_s_2018_12				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove cactus on waterside slope.					

No Photos

LM Start	1.10	Rating **	M	Issue No.	30
LM End	1.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.343373 °	38.343373 °
				-121.555188 °	-121.555188 °
DWR ID	DWR_RD0755_01_f _ 2018_30				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.12	Rating **	M	Issue No.	28
LM End	1.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.343300 °	38.341237 °
				-121.555507 °	-121.560113 °
DWR ID	DWR_RD0755_01_s_2017_28				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove vegetation from land side slope.					

Photo 1 of 1 : FA\_2018\_RD0755\_177\_28\_20181009\_00042.jpg



View looking upstream at vegetation on the land side slope (October 2018).

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	1.12	Rating **	M	Issue No.	37
LM End	1.12	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.343305°	38.343305°
				-121.555538°	-121.555538°
DWR ID	18857				
Comment Code					
Inspector Comment					
FS_ID:17144 DS_ID:18857 EP_NO: 11219 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - requires cleaning of siphon breaker box. FIELD_STRUCT_DESC: 8-inch irrigation discharge pipe of an unknown material through the levee, invert elevation 5.7 feet below the crown. Siphon breaker in a corrugated metal pipe (CMP) riser on the landside (LS) shoulder. Power pole on the LS. Pump and power box in a pump house on the waterside (WS) slope. Electrical conduit through the levee at the same location. (Retention of an 8-inch pipe through the levee, 5.7 feet below the crown, and a pump in a pump house on the WS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11219, 1975 - David J. Jr and Bonnie Elliott). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.47)]. FS Date: 8/6/2013					

LM Start	<b>1.12</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>1.12</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2018\_17144\_29288.jpg



WS view: pump house on levee slope.

Photo 2 of 3 : UCIP\_FA\_2018\_17144\_29287.jpg



WS view: pipe daylight from pump house.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	1.12	Rating **	M	Issue No.	37 (cont)	
LM End	1.12	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.343305 °	38.343305 °	
				-121.555538 °	-121.555538 °	
DWR ID	18857					
Comment Code						
Inspector Comment						
FS_ID:17144 DS_ID:18857 EP_NO: 11219 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - requires cleaning of siphon breaker box. FIELD_STRUCT_DESC: 8-inch irrigation discharge pipe of an unknown material through the levee, invert elevation 5.7 feet below the crown. Siphon breaker in a corrugated metal pipe (CMP) riser on the landside (LS) shoulder. Power pole on the LS. Pump and power box in a pump house on the waterside (WS) slope. Electrical conduit through the levee at the same location. (Retention of an 8-inch pipe through the levee, 5.7 feet below the crown, and a pump in a pump house on the WS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11219, 1975 - David J. Jr and Bonnie Elliott). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.47)]. FS Date: 8/6/2013						

Photo 3 of 3 : UCIP\_FA\_2018\_17144\_29286.jpg



WS view: pumps, butterfly valve and pipe inside pump house.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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# Reclamation District No. 0755 Randall

A photograph showing a shoreline with dense green vegetation and bare branches in the foreground, and a body of water in the background. The vegetation includes various green plants and shrubs, some with bare, thin branches. The water is dark and calm, reflecting the sky. The shoreline is a mix of sand and small rocks.

* Location	** Rating	+ Issue Type
LS : Land Side	A : Acceptable	Ma : Maintenance Deficiency
N/A : Not Applicable	N : Not Inspected/Rated	Ob : Design & System Obsolescence
WS : Water Side	M : Minimally Acceptable	En : Enforcement
CR : Crown	U : Unacceptable	
	A/W : Acceptable but Monitor & Maintain	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	1.23	Rating **	A/W	Issue No.	22 (cont)
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.342992°	38.342633°
				-121.557572°	-121.558622°
DWR ID	DWR_RD0755_01_f_2017_22				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of erosion of the lower waterside levee slope and bank approximately 322 feet in length along the east (left) bank of the Sacramento River. See attached pages for photos.					
Site location T06N R04E Section 29.					
Site ID No:328					
Site Designation:LMA-155					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/13/2017					
Notes: Could not access most of the lower portion of the slope because of vegetation, but there was rip rap just downstream of the site. Looked like it may have been missing on part of the site. Erosion looked like it may be 1/2 the length reported. Crown is a paved road					

Photo 3 of 3 : FA\_2018\_RD0755\_177\_22\_20180925\_00010.jpg



LM Start	1.24	Rating **	C	Issue No.	10
LM End	1.32	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.343071 °	38.342426 °
				-121.557706 °	-121.559163 °
DWR ID	DWR_RD0755_01_f_2018_10				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 35.4 L					
Status: Repaired					
2017 Field Notes: Repaired by locals.					
Site History: 2003 - Toe and lower slope eroding, rock in water and a few pieces on the slope; rock at upstream and downstream ends.					
2005 - Looks a little worse. Two major holes with vertical banks and smaller intermittent pockets in between. Stone is present upstream, downstream, and at toe. 2008 - Repaired at both ends (50 ft of new stone) but middle remains unrepaired. 2011 - Site extended downstream to include new scour. 2013 - At the downstream end, behind tree, there is a new animal burrow. Tree has exposed roots.					
2015 - New rock placed at toe in middle of the site, but a hole remains behind the tree. 2016 - Repaired by locals.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	1.59	Rating **	M	Issue No.	13
LM End	1.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.339210 °	38.337755 °
				-121.562058 °	-121.563666 °
DWR ID	DWR_RD0755_01_f_2018_13				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2018\_RD0755\_177\_13\_20180925\_00002.jpg



Vegetation on landside should be maintained to allow inspection and access to slope and toe.

LM Start	1.64	Rating **	M	Issue No.	38	
LM End	1.64	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.338715 °	38.338715 °	
				-121.562560 °	-121.562560 °	
DWR ID	18858					
Comment Code						
Inspector Comment						
FS_ID:17143 DS_ID:18858 EP_NO: 11219 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Pump and walkway seem abandoned.- Power line is not connected with pump.- A pump house like structure found on LS levee toe. FIELD_STRUCT_DESC: 16-inch irrigation discharge pipe of an unknown material through the levee, invert elevation 8.5 feet below the crown. Pump on a pile structure in the river. Walkway to the pump. Siphon breaker and power pole on the landside (LS) slope. Electrical conduit through the levee at the same location. (Retention of a 14-inch pipe through the levee, 8.5 feet below the crown, a pump on a pile structure in the river, a walkway to the pump, and a siphon breaker on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11219, 1975 - David J. Jr and Bonnie Elliott). [Additional Reference(s): DWR Levee Log, 2005, 14-inch pipe referenced. USACE Sacramento O&M Manual 111, May 1959, (RM 35.02), 14-inch pipe referenced, incorrectly referenced in Reclamation District No. 551 (RD0551)]. FS Date: 8/6/2013						

Photo 1 of 3 : UCIP\_FA\_2018\_17143\_29282.jpg



WS view: Overview of walkway, pump structure, and pipe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	1.64	Rating **	M	Issue No.	38 (cont)	
LM End	1.64	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.338715 °	38.338715 °	
				-121.562560 °	-121.562560 °	
DWR ID	18858					
Comment Code						
Inspector Comment						
FS_ID:17143 DS_ID:18858 EP_NO: 11219 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Pump and walkway seem abandoned.- Power line is not connected with pump.- A pump house like structure found on LS levee toe. FIELD_STRUCT_DESC: 16-inch irrigation discharge pipe of an unknown material through the levee, invert elevation 8.5 feet below the crown. Pump on a pile structure in the river. Walkway to the pump. Siphon breaker and power pole on the landside (LS) slope. Electrical conduit through the levee at the same location. (Retention of a 14-inch pipe through the levee, 8.5 feet below the crown, a pump on a pile structure in the river, a walkway to the pump, and a siphon breaker on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11219, 1975 - David J. Jr and Bonnie Elliott). [Additional Reference(s): DWR Levee Log, 2005, 14-inch pipe referenced. USACE Sacramento O&M Manual 111, May 1959, (RM 35.02), 14-inch pipe referenced, incorrectly referenced in Reclamation District No. 551 (RD0551)]. FS Date: 8/6/2013						

LM Start	<b>1.64</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>1.64</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2018\_17143\_29281.jpg



WS view: Abandoned walkway and pump structure

Photo 3 of 3 : UCIP\_FA\_2018\_17143\_29280.jpg



WS view: Pipe and butterfly/gate valve on levee slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	1.73	Rating **	M	Issue No.	25
LM End	1.84	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.337688 °	38.336437 °
				-121.563738 °	-121.564800 °
DWR ID	DWR_RD0755_01_f_2017_25				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping on landside should be maintained to allow inspection and access to levee slope and toe.					

Photo 1 of 1 : FA\_2018\_RD0755\_177\_25\_20180925\_00014.jpg



Landscaping on landside should be maintained to allow inspection and access to levee slope and toe.

LM Start	1.73	Rating **	A/W	Issue No.	24
LM End	1.81	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.337758 °	38.336789 °
				-121.563856 °	-121.564739 °
DWR ID	DWR_RD0755_01_f_2017_24				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of erosion of the lower waterside levee slope and bank approximately 424 feet in length along the east (left) bank of the Sacramento River. See attached pages for photos.					
Site location T06N R04E Section 29.					
Site ID No:329					
Site Designation:LMA-156					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/13/2017					
Notes: Crown is a paved road. Large LS berm on part. Good visibility here. Serious because erosion cut into prism significantly for a long distance and soils are very sandy here and WS slope is very steep.					

Photo 1 of 3 : FA\_2018\_RD0755\_177\_24\_20180925\_00011.jpg



**\* Location**  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

**\*\* Rating**  
 A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2018**

**Reclamation District No. 0755 Randall**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/05/2018 10/05/2018	David Julian

LM Start	1.73	Rating **	A/W	Issue No.	24 (cont)	
LM End	1.81	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.337758 °	38.336789 °	
				-121.563856 °	-121.564739 °	
DWR ID	DWR_RD0755_01_f _ 2017_24					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:The damage consists of erosion of the lower waterside levee slope and bank approximately 424 feet in length along the east (left) bank of the Sacramento River. See attached pages for photos.						
Site location T06N R04E Section 29.						
Site ID No:329						
Site Designation:LMA-156						
Repair Type: Erosion						
Rating:Serious						
Field Date:7/13/2017						
Notes: Crown is a paved road. Large LS berm on part. Good visibility here. Serious because erosion cut into prism significantly for a long distance and soils are very sandy here and WS slope is very steep.						

Photo 2 of 3 : FA\_2018\_RD0755\_177\_24\_20180925\_00012.jpg



LM Start	<b>1.73</b>	Rating **	A/W	Issue No.	<b>24 (cont)</b>
LM End	<b>1.81</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : FA\_2018\_RD0755\_177\_24\_20180925\_00013.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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